

CLAIMS

The following is claimed:

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1. A method of generating an interactive profile of a building, comprising the steps of:

- a) receiving a plan set into an interactive profile system, the interactive profile system embodied within a computer program, the plan set comprising an elemental physical description of a building, and the plan set including a plurality of potentially interrelated building components;
- b) converting the plan set to a standardized data set, the standardized data set compliant with an enhanced data protocol;
- c) parsing the standardized data set into an extracted data set, to develop and link the plurality of potentially interrelated building components;
- d) compiling an enhanced profile database from the extracted data set, the enhanced profile database including a plurality of interrelated components;
- e) assigning a unique descriptor tag to each one of the plurality of interrelated components;
- f) receiving a profile query into an application engine, the application engine included within the interactive profile system, the profile query received from a user, and the profile query relatable to the enhanced profile database;
- g) formulating a profile response to the profile query with the application engine, the profile response including a listing of at least one of the plurality of interrelated elements of the enhanced profile; and

h) sending the profile response to the profile query to the user.

2. The method of generating an interactive profile of a building of claim 1, wherein the step of parsing the plan set additionally includes the step of:

a) parsing the plan set into a plurality of cells and a plurality of structural elements, the plurality of cells and the plurality of structural elements together comprising a functionally complete rendering of the building.

3. The method of generating an interactive profile of a building of claim 1, wherein the step of converting the plan set to a standardized data set additionally includes the step of:

a) converting the plan set to a standardized CAD compliant format.

4. An interactive profiling system for generating an interactive profile of a building by a remotely located user and web browser, the system comprising:

a) an application engine associated with a server, the application engine capable of communicating with a remotely located user through a web browser, the application engine additionally capable of receiving a query from the user;

b) a profiling engine for receiving a plan set from a user and storing the plan set on a database, and the database associated with the application engine;

c) the database searchable for an interrelated element having a criteria set that corresponds to the query from the user; and an electronic interface having the ability to transmit a

communication between the user and the application engine, the communication including a response to the query by the user.

5. The interactive profiling system of claim 4, additionally including:

a) a conversion function for converting the plan set to a standardized data set, the standardized data set compliant with an enhanced data protocol.

6. A method of generating an interactive profile of a building, comprising the steps of:

a) receiving a plan set into an interactive profile system, the interactive profile system embodied within a computer program, the plan set comprising an elemental physical description of a building, and the plan set including a plurality of potentially interrelated building components;

b) converting the plan set to a standardized data set, the standardized data set compliant with an internally standardized enhanced data protocol;

c) parsing the standardized data set into an extracted data set, the extracted data set including the plurality of potentially interrelated building components;

d) compiling an enhanced profile database from the extracted data set, the enhanced profile database including a plurality of interrelated components, the plurality of interrelated building components developed from the plurality of potentially interrelated building components;

e) assigning a unique descriptor tag to each one of the plurality of interrelated components;

f) receiving a profile inquiry into an application engine, the application engine included within the interactive profile system, the profile inquiry received from a user, and the profile inquiry relatable to the enhanced profile database;

g) formulating a profile response to the profile inquiry with the application engine, the profile response including a listing of at least one of the plurality of interrelated elements of the enhanced profile; and

h) sending the profile response to the profile query to the user.

7. The method of generating an interactive profile of a building of claim 6, wherein the step of parsing the plan set additionally includes the step of:

a) parsing the plan set into a plurality of cells and a plurality of structural elements, the plurality of cells and the plurality of structural elements together comprising a functionally complete rendering of the building.

8. The method of generating an interactive profile of a building of claim 6, wherein the step of converting the plan set to a standardized data set additionally includes the step of:

a) converting the plan set to a standardized CAD compliant format.

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